



Item # _____

C.S.I. Section 11420

VDMT SERIES

TILTING DIRECT STEAM $\frac{2}{3}$ JACKETED KETTLE MODULE IN CABINET BASE



SPECIFICATIONS:

Direct steam tilting kettle mounted in a module cabinet base, Vulcan-Hart Model No. (VDMT40) (VDMT60). Stainless steel front, doors, sides and legs with rear feet flanged. One-piece stainless steel spring assist cover. Steam control and dual temperature faucet mounted on cabinet table top. Direct connected steam kettle. All welded, type 304 stainless steel kettle. Kettle is $\frac{2}{3}$ jacketed and the bottom is hemispheric design. (Type 316 stainless steel liner - 40 gallons only.) Operates 35 psi (2.4 kg/cm²), includes safety pop-off valve and steam control. 2" tangent draw-off valve, perforated strainer. Swing drain and removable strainer under draw-off valve. Hydraulic power tilt locks into any position set by operator. Kettle tilts 90° to empty into the stainless steel food receiving pan support. Requires 120 volt, 60 Hz, 1 phase power supply, _____ amps and direct steam.

Exterior dimensions: (36") (42")w x 33"d x _____ overall height with cover closed, _____ with cover open.

NSF listed. U L listed. Meets ASME code.

- ☐ **VDMT40** 36" wide, 40 gallons (152 liters) capacity.
- ☐ **VDMT60** 42" wide, 60 gallons (228 liters) capacity.

STANDARD FEATURES

- Stainless steel front, doors, sides and legs with rear feet flanged.
- One-piece stainless steel spring assist cover.
- Steam control and dual temperature faucet and 6" swing faucet mounted on cabinet table top.
- Direct connected steam kettle. All welded, type 304 stainless steel kettle. Kettle is $\frac{2}{3}$ jacketed and the bottom is hemispheric design. (Type 316 stainless steel liner - 40 gallons only.) Operates at 35 psi (2.4 kg/cm²), includes safety pop-off valve and steam control. 2" tangent draw-off valve, perforated strainer.
- Swing drain and removable strainer under draw-off valve.
- Hydraulic power tilt locks into any position set by operator. Kettle tilts 90° to empty into the stainless steel food receiving pan support.
- One year limited parts and labor warranty.

OPTIONS

- ☐ Type 316 stainless steel liner - 60 gallon.
- ☐ 50 psi (3.4 kg/cm²) operating pressure.
- ☐ Correction facility package.
 - Cabinet door with hasp (lock by others).
 - Security type tamper resistant fasteners with tack welds.
 - Front flanged feet.
- ☐ Stainless steel finishing back.
- ☐ Mount and interconnect kettle with boiler base at factory. Includes steam supply piping. Shipped on one skid.
- ☐ Second year extended limited parts and labor warranty.

ACCESSORIES






- ☐ Solid strainer (2").
- ☐ Pressure reducing valve.
- ☐ Triple perforated stainless steel basket assembly.
- ☐ Contour measuring strip.
- ☐ Clean-up kit - includes draw-off brush, clean-up brush with 36" handle and paddle scraper with 40" handle.
- ☐ Stainless steel 48" whip.



VDMT SERIES

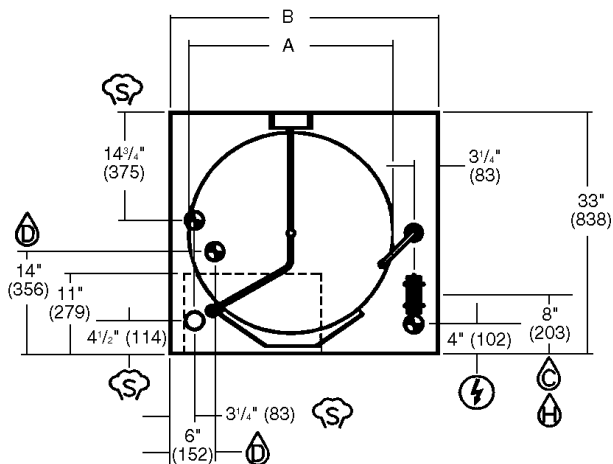
TILTING DIRECT STEAM $\frac{2}{3}$ JACKETED
KETTLE MODULE IN CABINET BASE

SERVICE CONNECTIONS:

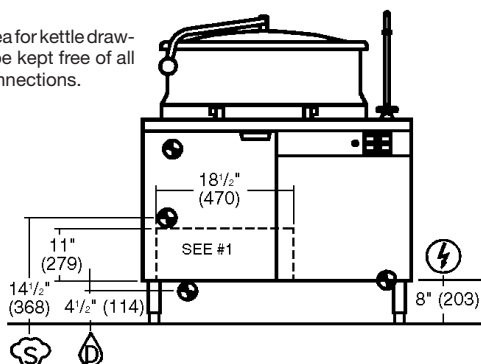
-  **Electrical Connection:** $\frac{1}{2}$ " conduit connection to controls. Unless otherwise specified, Field Wire Connection to be 120 volts, 60 Hz, 1 phase with grounding wire.
-  **Drain:** $1\frac{5}{8}$ " O.D. tubing to open floor drain. No solid connection.
-  **Steam Supply:** $\frac{3}{4}$ " IPS for incoming steam at 5-50 PSI (35-345 kPa).
-  **Cold Water:** $\frac{3}{8}$ " O.D. tubing to faucet (optional).
-  **Hot Water:** $\frac{3}{8}$ " O.D. tubing to faucet (optional).

NOTE:

- Dimensions which locate the above connections have a tolerance of + or - 3" (+ or - 75 mm).
- Installation of backflow preventers, vacuum breakers and other specific code requirements is the responsibility of the owner and installer. It is the responsibility of the owner and installer to comply with local codes.



1. Recess area for kettle draw-off must be kept free of all piping connections.



DIRECT STEAM DATA:

Steam supply to the kettle must:

1. Maintain a steady 13 psi flow under operating conditions.
2. Have a minimum flow rate of dry steam per hour (see chart).
3. Be adequately trapped to provide dry steam (see ball float trap).

EQUIPMENT CLEARANCE:

Rear: 0" Right: 0" Left: 0"

BRIMFUL CAPACITIES:

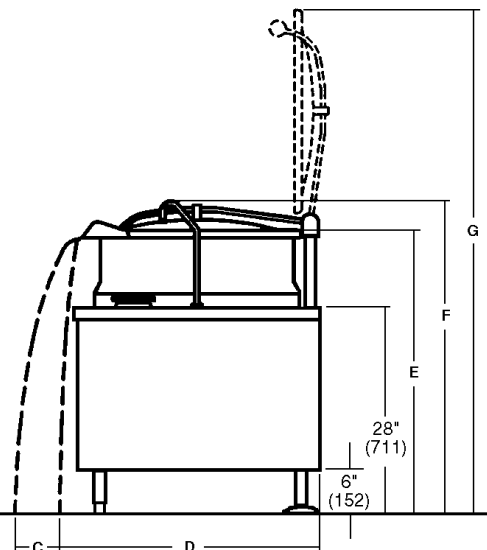
Model	Gallons	Quarts	Liters	4 oz. svgs.
VDMT40	40	160	152	1280
VDMT60	60	240	227	1920

DIMENSIONS:

Model	A	B	C	D	E	F	G
VDMT 40	26 660	36 914	7 178	48 1219	38.38 975	42.5 1080	68.25 1733
VDMT 60	29.5 749	42 1067	7 178	51 1295	41.12 1045	47.62 1210	74.25 1886

STEAM FLOW AT 10 PSIG AT THE KETTLE

Time to boil	Fast Boil 30 minutes		Medium Boil 45 minutes		Stock Boil 60 minutes	
	lbs/hr	kg/hr	lbs/hr	kg/hr	lbs/hr	kg/hr
40 Gallons	96	44	64	29	48	22
60 Gallons	143	65	96	44	72	33



NOTE: In line with its policy to continually improve its products, Vulcan-Hart Company reserves the right to change materials and specifications without notice.